

EXHIBIT E

IMMUNOREACTIVE SCORE OF EAG1 EXPRESSION IN NORMAL AND NEOPLASTIC TISSUES

NORMAL TISSUE (N) ^a	EAG1 EXPRESSION			NEOPLASTIC TISSUE (N) ^a	
	RANGE OF SI ^b	RANGE OF SA	MAX. IRS	RANGE	IRS \geq
Esophagus (4)	0-1	0-3	4	Esophagus carcinoma (8)	5-6 100
Stomach (5)	-surface epithelium and neck cells -gastric gland parietal cells -gastric gland chief cells	0-1 1 2-3	3 4 6	Gastric carcinoma (10)	2-6 89
Duodenum (2)	0	0	0		
Small intestine	0	0	0		
Large intestine, appendix (4)	0-1	0-3	4	Colon carcinoma (8)	4-6 75
Salivary gland (1)	0	0	0		
Liver (2)	0	0	0	Hepatocellular carcinoma (10)	5-6 100
Gallbladder and bile duct (4)	0	0	0	Gallbladder carcinoma (5)	2-6 80
Pancreas (2)	-ducts -acini -endocrine islets	0 2 1	0 3 4	Pancreatic carcinoma (8)	4-6 73
Kidney (3)	-tubular epithelium -collecting duct epithelium	1 1	3 4	Renal cell carcinoma (9)	5-6 100
Transitional epithelium of the urinary tract (5)	0	0	0	Transitional cell carcinoma (9)	4-6 89
Prostate (3)	-glands -stroma	0-2 0-1	1 2	Prostate carcinoma (56)	4-6 98
Seminal vesicles (2)	0-1	0-1	2		
Testis (1)	-cells of spermatogenesis -Sertoli cells -Leydig cells	2 0 1	5 0 4		
Cervix uteri (2)	-ectocervix -endocervix	0-1 1-2	2-3	Cervical carcinoma (9)	4-6 78
Endometrium (5)	-epithelium -stroma	2 0	2-3 0	Endometrial carcinoma (10)	5-6 100
Myometrium (2)	0-1	0-3	4		
Fallopian tube (4)	0-1	0-3	4		
Ovary (3)	-surface epithelium -follicular epithelium -stroma cells	0 0-1 0	0 4 0	Cystadenocarcinoma of the ovary (10)	5-6 100
Placenta	-trophoblast cells -stroma -Hofbauer cells	3 0 1	3 0 2		
Mammary gland (3)	-ductulo-lobular epithelium -extralobular duct epithelium	1 0	3 0	Breast carcinoma (60)	3-6 93
Lung (3)	-alveolar surface -bronchus epithelium -submucous glands	1 0 1	2 0 2	Bronchus carcinoma (10)	4-6 90
Lymph node, tonsil, spleen (4)	-surface squamous epithelium -follicle center lymphocytes -plasma cells -lymphocytes of the interfollicular area -macrophages	0 0-1 1-2 0 2	0 2 5 0 5		
Thymus (2)	-lymphocytes -epithelia	0-1 0-1	0-2 1		
Bone marrow (1)	-erythropoiesis -myelopoiesis -thrombopoiesis	0 1 1	0 3 1		
Thyroid gland (1)	0	0	0	Thyroid papillary carcinoma (9)	5-6 100
Parathyroid gland (1)	1	3	4		
Hypophysis (2)	-adenohypophysis -pituitary stalk	2 0	3 0		
Adrenal gland, cortex (3)	1-2	1-3	5		
Autonomous nervous system	-ganglion cells (4)	1-2	3		

	-adrenal gland, medulla	2	3	5		
Endocrine pancreas (2)		1	3	4		
Skin (7)		0	0	0	Basaloma, spinocelloma (10)	0-5 10
- melanocytes	0	0	0	Malignant melanoma (39)	0-6 37	
- skin adnexes	1	3	4			
Skeletal muscle (3)		0-1	0-2	3		
Heart muscle (5)		0-2	0-2	4		

^aThe number of analyzed cases is shown in brackets;

^bExpression of EAG1 in normal tissue: range of signal intensity, SI; range of positive organ specific cells, staining amount, SA; highest immunoreactive score in the analyzed cases, max. IRS;

^cExpression of EAG1 in neoplastic tissue: Range; range of IRS detected, %; percentage of cases with an IRS \geq .